

**What is claimed is:**

1. The compound 3-(4-Hydroxy-2-trifluoromethyl-phenyl)-acrylic acid.
2. In a process for the determination of the mass of a biomolecular analyte by matrix-assisted laser desorption ionization-time of flight-mass spectrometry comprising vaporizing the analyte by focussing laser pulses on a matrix containing the analyte and then transferring the vaporized analyte into a time of flight-mass spectrometer, the improvement wherein the matrix is the compound 3-(4-Hydroxy-2-trifluoromethyl-phenyl)-acrylic acid.